

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015459.D
 Acq On : 22 May 2020 18:12
 Operator : SY/VA
 Sample : L2753-07
 Misc : 6.36G/10.0mL/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:57:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333314	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129503	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57194	13.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.88%
7) Chloroethane-d5	2.89	69	65777	16.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.44%
10) 1,1-Dichloroethene-d2	4.01	63	105917	12.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.96%
20) 2-Butanone-d5	7.08	46	60263	54.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.20%
24) Chloroform-d	7.65	84	180478	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.31	65	110620	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.27	84	345155	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	9.27	67	110939	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.64%
37) Toluene-d8	10.32	98	326769	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	10.58	79	49322	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	50348	55.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94916	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	104787	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

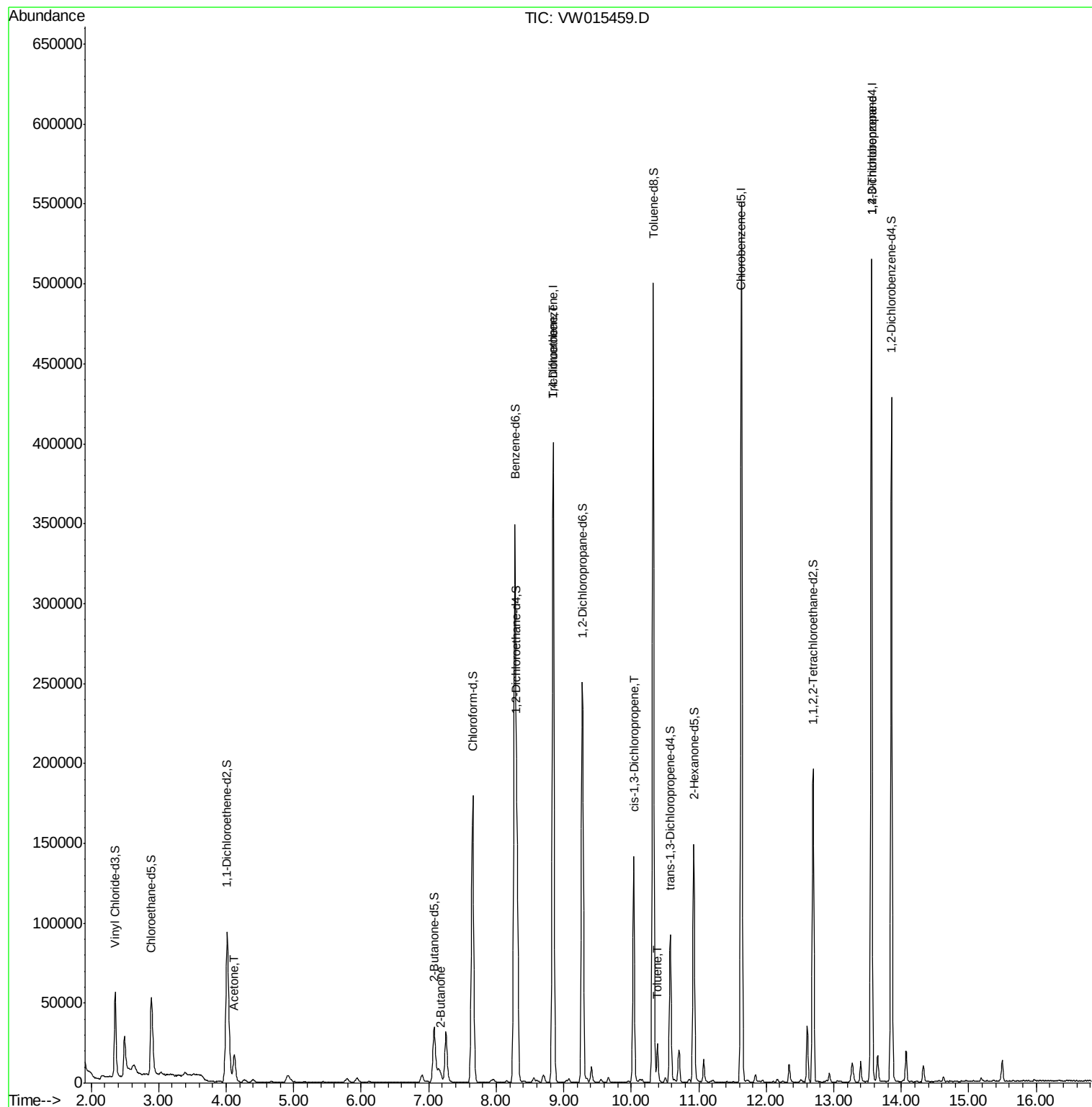
					Ovalue
13) Acetone	4.12	43	29160	34.570 ug/L	97
21) 2-Butanone	7.18	43	6741	5.316 ug/L	99
35) Trichloroethene	8.84	95	10266	2.194 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3625	0.514 ug/L #	63
44) Toluene	10.39	91	16846	0.883 ug/L	98
59) 1,2,3-Trichloropropane	13.55	75	17355	6.278 ug/L	89

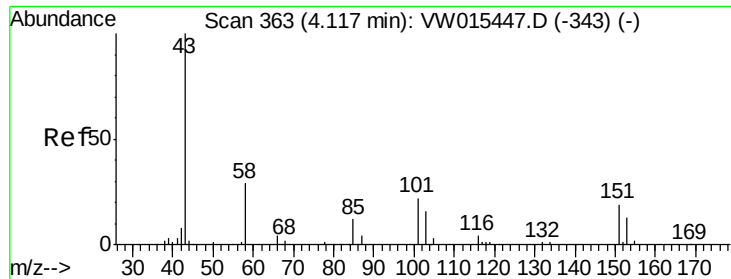
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 03:53:37 2020
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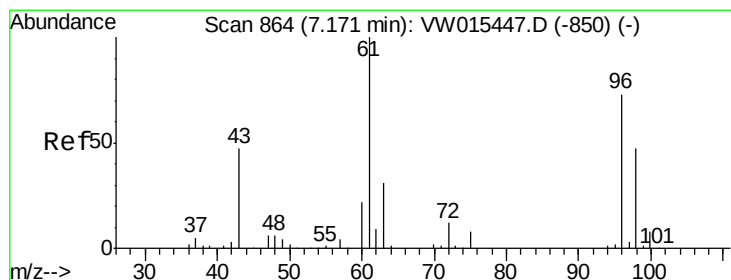
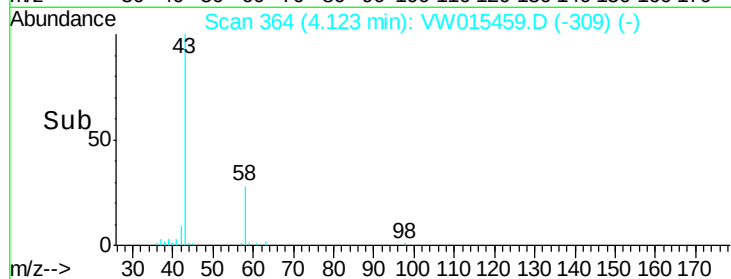
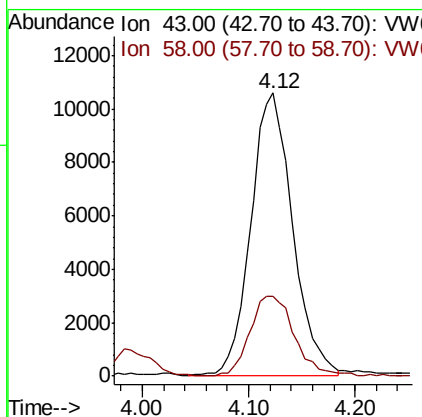
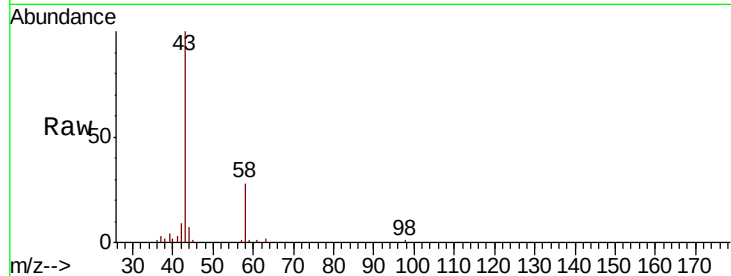




#13
 Acetone
 Concen: 34.570 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW015459.D
 Acq: 22 May 2020 18:12

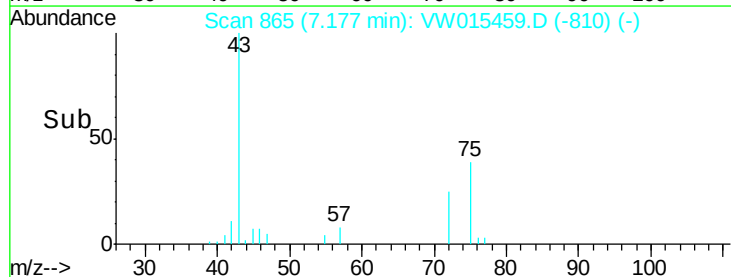
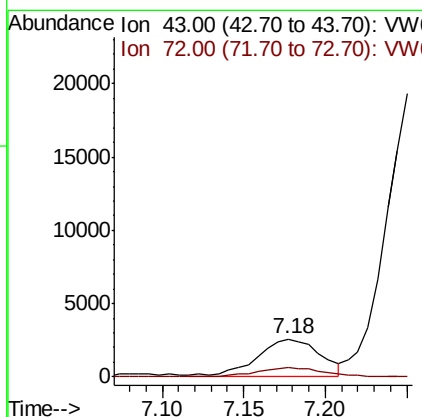
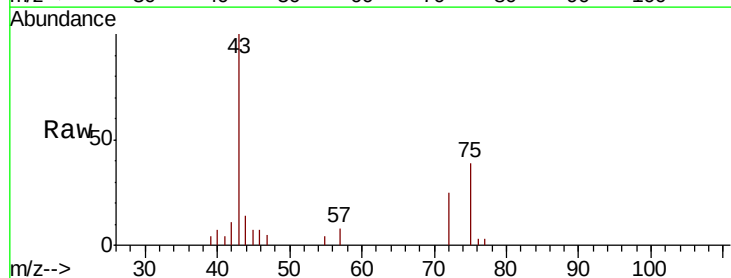
Instrument :
 MSVOA_W
 ClientSampled :

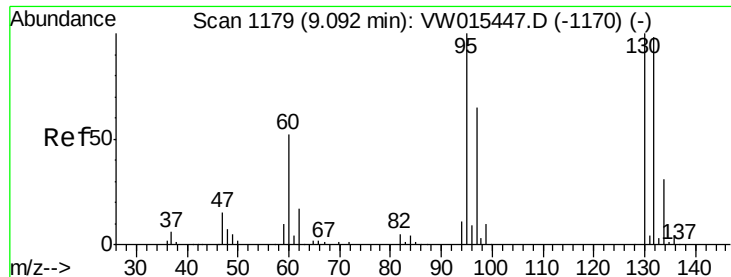
Tot Ion: 43 Resp: 29160
 Ion Ratio Lower Upper
 43 100
 58 29.8 0.0 57.0



#21
 2-Butanone
 Concen: 5.316 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW015459.D
 Acq: 22 May 2020 18:12

Tgt Ion: 43 Resp: 6741
 Ion Ratio Lower Upper
 43 100
 72 26.7 13.6 40.8





#35

Trichloroethene

Concen: 2.194 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015459.D

Acq: 22 May 2020 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10266

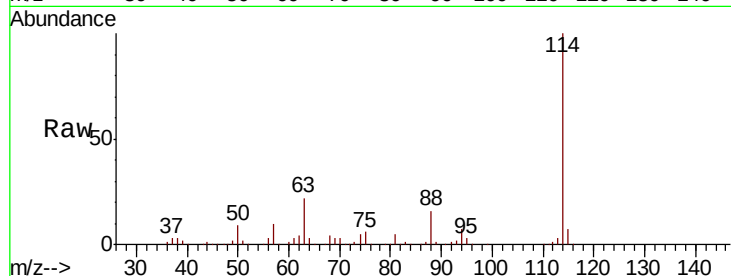
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 64.5 119.7#

130 0.0 68.5 127.3#

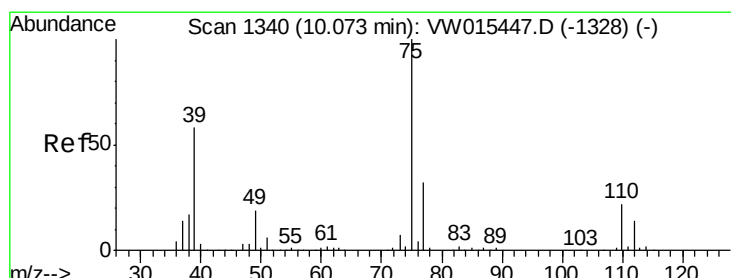
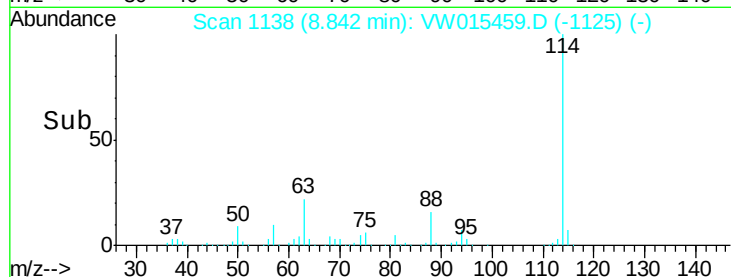
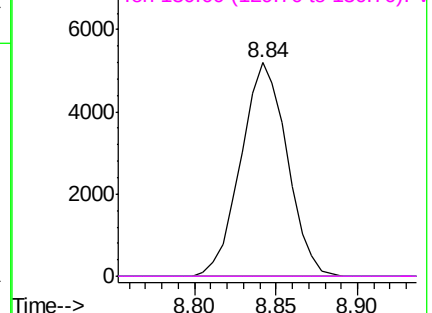


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015459.D

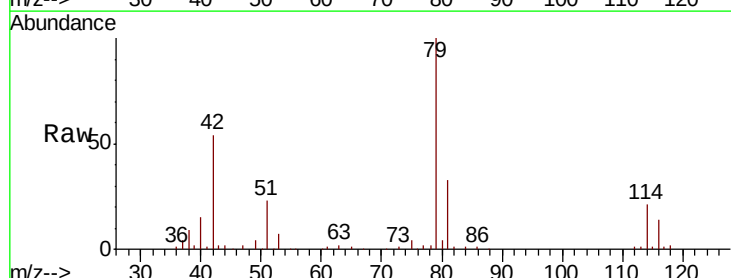
Acq: 22 May 2020 18:12

Tgt Ion: 75 Resp: 3625

Ion Ratio Lower Upper

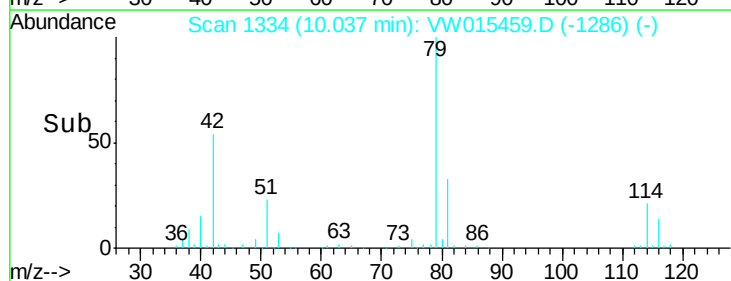
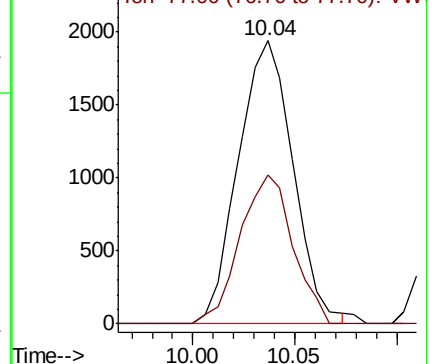
75 100

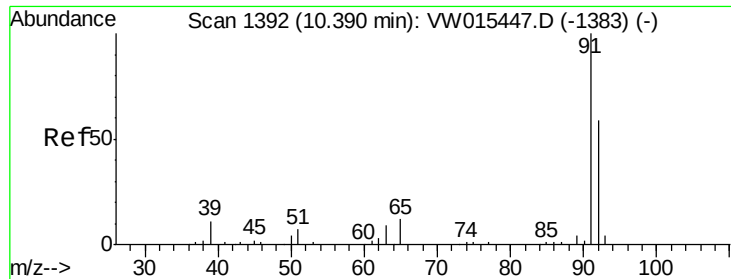
77 52.8 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.883 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015459.D

Acq: 22 May 2020 18:12

Instrument :

MSVOA_W

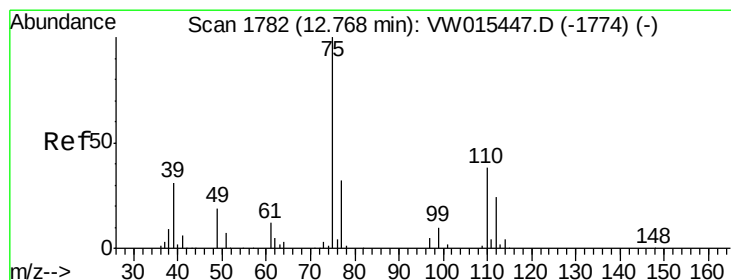
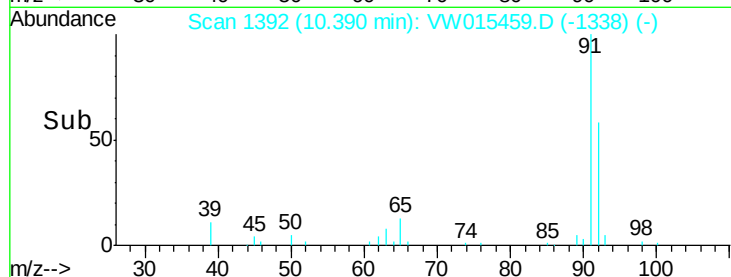
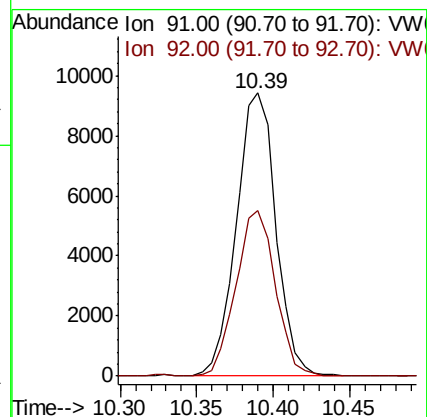
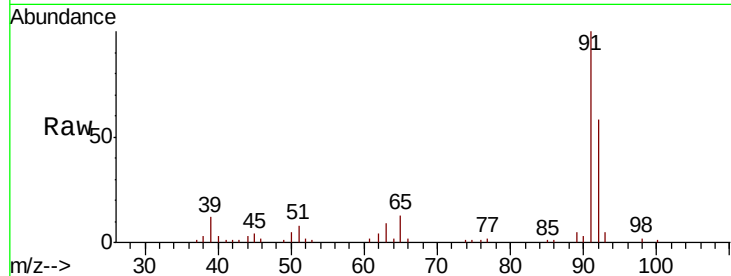
ClientSampled :

Tot Ion: 91 Resp: 16846

Ion Ratio Lower Upper

91 100

92 58.3 39.8 74.0



#59

1,2,3-Trichloropropane

Concen: 6.278 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015459.D

Acq: 22 May 2020 18:12

Tgt Ion: 75 Resp: 17355

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

